

SHEET 1 OF 3

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 3957-8-DIV	SERIAL NO. 10/005,797
	APPLICANT Micke et al.	
	FILING DATE November 2, 2001	GROUP ART 3643

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROP.

FOREIGN PATENT DOCUMENTS

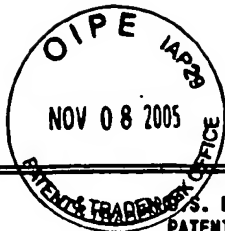
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
						YES	NO

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

TP	AA	Heuzé, Francois, "Rock mechanics contributions from defense programs," <u>Rock Mechanics</u> , pp. 3-26, Tillerson & Wawersik (eds), 1992, Balkema, Rotterdam.
TP	AB	Lownds, C.M., et al, "The performance testing of permitted explosives for coal mines," <u>Journal of the South African Institute of Mining and Metallurgy</u> , vol. 86, no. 10, pp. 415-423, October, 1986.
TP	AC	no author given, "Excavation of tunnels by the use of smooth-bore cannons to fire solid 10 lb concrete projectiles into the rock - REAM," <u>Tunnels and Tunnelling</u> , pp. 177-180, March, 1973.

EXAMINER <i>Thomas Puci</i>	DATE CONSIDERED <i>03-03-2006</i>
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line if not in conformance and not considered. Include copy of this form with next communication to applicant.

SHEET 2 OF 3

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 3957-8-DIV	SERIAL NO.
	APPLICANT Micke et al.		
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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROP.
TP	AA	1,585,664	5/25/26	Gilman, G.H.	—	—	11/24/20
TP	AB	2,359,301	10/3/44	Church et al.	102	56	3/22/41
TP	AC	2,725,821	12/6/55	Coleman, H.W.	102	22	3/29/52
TP	AD	3,695,715	10/3/72	GODFREY	299	13	
TP	AE	3,721,471	3/20/73	Bergmann et al.	299	55	10/28/71
TP	AF	3,777,665	12/11/73	Zienba	102	70.2P	8/3/72
TP	AG	3,788,230	1/29/74	Losfeld	102	74	1/22/70
TP	AH	3,963,275	6/15/76	GODFREY et al.	299	13	
TP	AI	4,388,868	6/21/83	Frostig	102	473	11/10/80
TP	AJ	4,406,430	9/27/83	KRAMMER et al.	244	3.13	
TP	AK	5,031,538	7/16/91	DUFRANE et al.	102	275.5	
TP	AL	5,081,929	1/21/92	Mertens	102	273	11/19/90
TP	AM	5,345,853	9/13/94	Crepin et al.	89	1.818	12/3/93
TP	AN	5,359,935	11/1/94	WILLETT	102	307	
TP	AO	5,365,913	11/22/94	WALTON	124	75	
TP	AP	5,404,820	4/11/95	HENDRIX	102	201	
TP	AQ	5,429,030	7/4/95	TIDMAN	89	7	
TP	AR	5,611,605	3/18/97	MCCARTHY	299	13	
TP	AS	5,731,538	3/24/98	O'BRIEN et al.	102	202.5	

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SHEET 3 OF 3

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 3957-B-DIV	SERIAL NO.
	APPLICANT Micke et al.	
	FILING DATE Herewith	GROUP ART 3643

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
TP	AT	568.425	3/24/24	France	—	—		
TP	AU	EP 0 230 720 A2	8/5/87	EPO	—	—		
TP	AV	DE3533753	9/21/85	Germany (Abstract Only)	—	—		
TP	AW	DE 31 49 346	6/16/83	Germany	—	—		
TP	AX	EP 0 363 079 A2	4/11/90	EPO	—	—		
TP	AY	CA2015773	4/30/90	Canada (Abstract Only)	—	—		
TP	AZ	DE4226129-A	8/7/92	Germany (Abstract Only)	—	—		
TP	BA	EP-602632-A	12/18/92	EPO (Abstract Only)	—	—		
TP	BB	94 3791	5/30/94	South Africa	—	—		

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

TP	BC	Society of Explosives Engineers, Inc. "Permissible Blasting/Underground Coal Mines," Chapter 26, Blaster's Handbook, 17th Ed. (1998)
TP	BD	Watson et al.; "DEMONSTRATION OF HIGH SPEED GUN AND PENETRATING CONE FRACTURE TECHNOLOGY"; Proposal to <u>Climax</u> Molybdenum Company/Henderson Mine; October 1990; pp. 1-24.
TP	BE	Lundquist, R.; "UNDERGROUND TESTS OF THE REAM METHOD OF ROCK FRAGMENTATION FOR HIGH-SPEED TUNNELING"; <u>RETG</u> Proceedings; Vol. 1; 1974; pp. 825-840.
TP	BF	Louie, W.; "QUASI-CONTINUOUS EXPLOSIVE CONCEPTS FOR HARD ROCK EXCAVATION"; Shock Hydrodynamics Division Whittaker Corporation; June 1973; Final Report.
TP	BG	Singh, M.; "ROCK BREAKAGE BY PELLET IMPACT"; <u>IIT RESEARCH INSTITUTE</u> ; 12/24/69; Final Report.

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